Market Value of Equity/Options Sales On U.S. Securities Exchanges

For the Month of August 1999

| Registered | Total | | | | | | |
|--------------|---------------|---------------|----------|---------|----------------|------------|------------|
| Securities | Market | | | | Equity Options | | Non-Equity |
| Exchanges | \$ Value 1/ | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| American | 40,485,945 | 33,942,355 | 2,160 | 29,924 | 4,867,285 | 1,137,484 | 506,738 |
| Boston | 16,404,097 | 16,404,097 | - | - | - | - | - |
| Chicago | | | | | | | |
| CBOE | 17,558,664 | | - | - | 6,865,336 | 1,777,761 | 8,915,567 |
| CHX 3/ | 38,659,396 | 38,659,396 | - | - | - | - | - |
| Cincinnati | - | - | - | - | - | - | - |
| New York | 659,032,402 | 658,982,201 | 45,146 | 5,054 | - | - | - |
| Pacific | 16,572,923 | 13,943,437 | 113 | | 2,371,874 | 251,743 | 5,756 |
| Philadelphia | 6,830,800 | 4,772,283 | 8 | - | 1,377,834 | 301,324 | 379,351 |
| Dual Options | 7,703,222 | - | - | - | - | 7,703,222 | - |
| Year to Date | | | | | | | |
| 1998 Jan-Aug | 5,586,530,897 | 5,346,786,595 | 570,448 | 46,513 | 82,542,682 | 79,246,845 | 77,337,815 |
| 1999 Jan-Aug | 7,191,438,276 | 6,864,720,306 | 431,767 | 217,824 | 149,833,779 | 93,275,607 | 82,958,993 |
| Total | | | | | | | |
| 1998 | | | | | | | |
| Jun | 713,659,560 | 683,730,965 | 74,380 | 5,265 | 9,915,942 | 8,946,312 | 10,986,697 |
| Jul | 764,410,348 | 731,345,059 | 90,005 | 161 | 13,457,278 | 10,871,498 | 8,646,347 |
| Aug | 739,539,622 | 705,584,939 | 46,072 | 482 | 10,805,040 | 8,771,848 | 14,331,240 |
| 1999 | | | | | | | |
| Jun | 868,072,379 | 831,059,290 | 60,343 | 19,163 | 15,696,949 | 11,062,399 | 10,174,235 |
| Jul | 863,235,679 | 825,556,541 | 40,947 | 44,989 | | 11,686,653 | 9,493,975 |
| Aug | 803,247,449 | 766,703,769 | 47,427 | 34,978 | | 11,171,534 | 9,807,412 |

Figures may not add due to rounding.

^{1/} Includes dollar value of equity options exercised. Prior to June 1986, the total market value of individual exchanges excludes the dollar value of equity options exercised.

^{2/} Includes all exchange trades of calls and puts in stock index options, interest rate options and foreign currency options.

^{3/} The Chicago Stock Exchange was formerly the Midwest Stock Exchange. The name change took effect on June 11, 1993. Source: SEC Form R-31 and Options Clearing Corporation.

Year-to-Date Totals for August 1999 (Thousands of Dollars)

| | | | | | Equity Options | | |
|----------------|-----------------|---------------|----------|---------|----------------|-------------|-------------|
| | Total Market \$ | | | | | | Non-Equity |
| Calendar Year: | Value 1/ | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| 1993 | 2,734,099,101 | 2,609,854,352 | 584.699 | 65,339 | 33,779,350 | 48,415,352 | 41,400,009 |
| | | | , | , | , , | , , | , , |
| 1994 | 2,965,964,292 | 2,816,810,031 | 678,024 | 183,095 | ,,- | , , | 58,587,028 |
| 1995 | 3,689,791,682 | 3,506,785,001 | 970,523 | 235,647 | 50,802,752 | 62,926,087 | 68,071,671 |
| 1996 | 4,734,611,479 | 4,510,872,699 | 869,986 | 34,861 | 67,861,575 | 74,729,013 | 80,243,345 |
| 1997 | 6,879,408,633 | 6,559,348,106 | 616,256 | 27,363 | 104,535,151 | 100,422,278 | 114,459,480 |
| 1998 | 8,698,001,366 | 8,307,341,289 | 740,879 | 73,342 | 140,260,828 | 120,768,595 | 128,816,435 |
| 1999 | 7,191,438,276 | 6,864,720,306 | 431,767 | 217,824 | 149,833,779 | 93,275,607 | 82,958,993 |

Breakdown of 1999 Data by Registered Exchanges

| | | | | | Equity Options | | |
|---------------------------------------|-----------------------------|---------------|----------|---------|----------------|------------|--------------------------|
| Registered Securities Exchanges | Total Market \$ Value 1/ | Stocks | Warrants | Rights | Traded | Exercised | Non-Equity Options 2/ |
| American | 320,794,578 | 258,877,086 | 97,940 | 159,507 | 42,287,746 | 13,949,259 | 5,423,041 |
| Boston | 142,823,505 | 142,823,505 | - | - | - | - | - |
| Chicago | | | | | | | |
| CBOE | 169,318,854 | - | - | - | 70,147,128 | 25,213,329 | 73,958,397 |
| CHX 3/ | 321,726,391 | 321,726,391 | - | - | - | - | - |
| Cincinnati | 61,568,536 | 61,568,536 | - | - | - | - | - |
| New York | 5,892,779,592 | 5,892,389,403 | 331,988 | 58,202 | - | - | - |
| Pacific | 171,506,815 | 141,367,664 | 588 | 115 | 24,011,557 | 6,090,176 | 36,715 |
| Philadelphia | 69,087,432 | 45,967,722 | 1,251 | - | 13,387,347 | 6,190,271 | 3,540,841 |
| Dual Options | 41,832,573 | - | - | - | - | 41,832,573 | <u>-</u> |

New York Stock Exchange: Market Value of Equity/Options Sales Year-to-Date Totals for August 1999

| | | | | | Equity Option | ons | | |
|---|--|--|--|---|---------------|----------------------------|----------------------------|---------------------------------|
| Month | Total Market \$ Value 1/ | Stocks | Warrants | Rights | Traded | Exercised | 1 | Non-Equity Options 2/ |
| January February March April May June July August September October November December | 719,937,004 653,975,713 782,538,753 874,697,616 779,831,909 713,336,764 709,429,431 659,032,402 | 719,903,061 653,946,855 782,486,081 874,630,354 779,780,815 713,286,860 709,373,176 658,982,201 | 30,055 27,760 43,283 60,371 45,616 46,306 33,450 45,146 | 3,888 1,098 9,389 6,891 5,478 3,597 22,805 5,054 | | 0 0 0 0 0 0 | 0 0 0 0 0 0 | 0 0 0 0 0 0 0 |
| Year-to-Date Total | 5,892,779,592 | 5,892,389,403 | 331,988 | 58,202 | ! | 0 | 0 | 0 |

American Stock Exchange: Market Value of Equity/Options Sales Year-to-Date Totals for August 1999

| | | | | | Equity Options | | |
|--------------|-----------------|-------------|----------|---------|----------------|------------|------------|
| | Total Market \$ | | | | | | Non-Equity |
| Month | Value 1/ | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| January | 34,509,969 | 23,065,699 | 21,822 | 13,716 | 7,615,749 | 3,224,934 | 568,050 |
| February | 30,360,981 | 24,998,629 | 10,214 | 14,281 | 3,911,454 | 989,990 | 436,413 |
| March | 38,183,677 | 29,411,816 | 9,090 | 6,477 | 5,569,349 | 1,892,035 | 1,294,910 |
| April | 49,940,492 | 40,240,824 | 21,401 | 36,725 | 6,910,245 | 2,008,559 | 722,737 |
| May | 47,212,863 | 40,576,390 | 12,755 | 20,750 | 4,350,976 | 1,539,233 | 712,759 |
| June | 42,493,916 | 36,041,837 | 13,126 | 15,566 | 4,309,581 | 1,565,419 | 548,387 |
| July | 37,606,734 | 30,599,536 | 7,372 | 22,069 | 4,753,105 | 1,591,605 | 633,047 |
| August | 40,485,945 | 33,942,355 | 2,160 | 29,924 | 4,867,285 | 1,137,484 | 506,738 |
| September | | | | | | | |
| October | | | | | | | |
| November | | | | | | | |
| December | | | | | | | |
| Year-to-Date | | | | | | | |
| Total | 320,794,578 | 258,877,086 | 97,940 | 159,507 | 42,287,746 | 13,949,259 | 5,423,041 |
| | | | | | | | |

All Exchanges: Market Value of Equity/Options Sales

Year-to-Date Totals for August 1999

| | | | | | Equity Options | | |
|--------------|-----------------|---------------|----------|---------|----------------|------------|------------|
| | Total Market \$ | | | | | | Non-Equity |
| Month | Value 1/ | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| January | 892,228,753 | 835,740,856 | 51,998 | 17,604 | 25,819,358 | 19,255,644 | 11,343,294 |
| February | 785,963,499 | 755,745,038 | 38,134 | 15,379 | 14,668,306 | 7,025,248 | 8,471,394 |
| March | 952,914,382 | 908,446,024 | 52,469 | 15,866 | 19,841,269 | 9,886,282 | 14,672,471 |
| April | 1,079,602,584 | 1,030,680,320 | 81,861 | 43,616 | 26,052,389 | 12,749,701 | 9,994,697 |
| May | 946,173,550 | 910,788,468 | 58,589 | 26,228 | 15,860,603 | 10,438,146 | 9,001,516 |
| June | 868,072,379 | 831,059,290 | 60,343 | 19,163 | 15,696,949 | 11,062,399 | 10,174,235 |
| July | 863,235,679 | 825,556,541 | 40,947 | 44,989 | 16,412,574 | 11,686,653 | 9,493,975 |
| August | 803,247,449 | 766,703,769 | 47,427 | 34,978 | 15,482,329 | 11,171,534 | 9,807,412 |
| September | | | | | | | |
| October | | | | | | | |
| November | | | | | | | |
| December | | | | | | | |
| Year-to-Date | | | | | | | |
| Total | 7,191,438,276 | 6,864,720,306 | 431,767 | 217,824 | 149,833,779 | 93,275,607 | 82,958,993 |

Volume of Equity/Options Sales on U.S. Securities Exchanges

For the Month of August 1999

| Registered | | | | Equity Optio | ns | Non-Equity |
|--------------|-------------|----------|---------|---------------------|-------------|-------------|
| Securities | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| Exchanges | (Shares) | (Units) | (Units) | (Contracts) | (Contracts) | (Contracts) |
| American | 572,390 | 1,231 | 51 | 10,087 | 252 | 211 |
| Boston | 339,938 | , - | - | , <u>-</u> | - | - |
| Chicago | · <u>-</u> | - | - | | - | - |
| CBOE | - | - | - | 14,786 | 375 | 4,751 |
| CHX 3/ | 1,013,035 | - | - | · - | - | · - |
| Cincinnati | | - | - | - | - | - |
| New York | 15,284,079 | 3,134 | 1,013 | - | - | - |
| Pacific | 350,699 | 72 | - | 5,596 | 65 | 3 |
| Philadelphia | 122,061 | 1 | - | 3,680 | 82 | 309 |
| Dual Options | - | - | - | - | 1,364 | - |
| Year to Date | | | | | | |
| 1998 Jan-Aug | 128,795,198 | 42,590 | 327,219 | 213,189 | 16,217 | 51,356 |
| 1999 Jan-Aug | 154,470,126 | 34,712 | 26,085 | 264,352 | 18,975 | 41,717 |
| Total | | | | | | |
| 1998 | | | | | | |
| Jun | 16,225,726 | 4,284 | 6,198 | 26,689 | 1,867 | 7,100 |
| Jul | 17,230,288 | 5,194 | 106 | 30,210 | 2,241 | 5,741 |
| Aug | 17,348,481 | 4,170 | 53 | 27,342 | 1,785 | 8,576 |
| 1999 | | | | | | |
| Jun | 18,007,297 | 5,335 | 11,525 | 31,893 | 2,226 | 5,026 |
| Jul | 18,114,166 | 3,290 | 3,809 | 33,863 | 2,336 | 4,711 |
| Aug | 17,682,202 | 4,437 | 1,064 | 34,149 | 2,139 | 5,274 |

 ^{2/} Includes all exchange trades of calls and puts in stock index options, interest rate options and foreign currency options.
 3/ The Chicago Stock Exchange was formerly the Midwest Stock Exchange. The name change took effect on June 11, 1993.
 Source: SEC Form R-31 and Options Clearing Corporation.

Year-to-Date Totals for August 1999 (Data in Thousands)

| ' | | | | Equity Option | ns | Non-Equity |
|-------|-------------|----------|---------|----------------------|-------------|-------------|
| | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| Year: | (Shares) | (Units) | (Units) | (Contracts) | (Contracts) | (Contracts) |
| 1993 | 82,808,842 | 166,223 | 81,172 | 131,726 | 11,479 | 100,871 |
| 1994 | 90,481,798 | 171,462 | 133,343 | 149,933 | 13,028 | 131,448 |
| 1995 | 106,392,534 | 405,123 | 271,999 | 174,380 | 15,105 | 112,917 |
| 1996 | 125,746,273 | 136,314 | 39,666 | 199,117 | 16,771 | 95,680 |
| 1997 | 159,712,233 | 87,153 | 57,288 | 272,999 | 21,625 | 80,824 |
| 1998 | 206,425,002 | 66,041 | 329,502 | 329,642 | 24,865 | 76,701 |
| 1999 | 154,470,126 | 34,712 | 26,085 | 264,352 | 18,975 | 41,717 |

Breakdown of 1999 Data by Registered Exchanges

| Registered | - | | | Equity Option | ns | Non-Equity |
|---------------------|-------------|----------|---------|---------------|-------------|-------------|
| Securities | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| Exchanges | (Shares) | (Units) | (Units) | (Contracts) | (Contracts) | (Contracts) |
| American | 5,091,331 | 13,308 | 589 | 76,714 | 3,021 | 2,038 |
| Boston | 2,799,754 | - | - | - | - | - |
| Chicago | | | | | | |
| CBOE | - | - | - | 114,494 | 4,808 | 36,985 |
| CHX 3/ | 8,843,875 | - | - | - | - | - |
| Cincinnati | 1,194,291 | - | - | - | - | - |
| New York | 132,369,987 | 20,977 | 25,476 | - | - | - |
| Pacific | 3,183,654 | 413 | 21 | 44,676 | 1,643 | 22 |
| Philadelphia | 987,234 | 13 | - | 28,468 | 1,442 | 2,671 |
| Dual Options | - | - | - | - | 8,061 | - |

New York Stock Exchange: Volume of Equity/Options Sales Year-to-Date Totals for August 1999

| | | | | Equity Option | ns | Non-Equity | |
|--------------|-------------|----------|---------|----------------------|-------------|-------------|---|
| | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ | |
| Month | (Shares) | (Units) | (Units) | (Contracts) | (Contracts) | (Contracts) | |
| | | | | | | | |
| January | 16,292,993 | 2,131 | 877 | - | | - | - |
| February | 15,930,680 | 1,900 | 3,251 | - | | - | - |
| March | 18,498,263 | 2,914 | 573 | - | | - | - |
| April | 18,487,851 | 2,886 | 2,958 | - | | - | - |
| May | 16,685,362 | 2,887 | 1,752 | - | | - | - |
| June | 15,617,536 | 3,228 | 11,383 | - | | - | - |
| July | 15,573,223 | 1,899 | 3,670 | - | | - | - |
| August | 15,284,079 | 3,134 | 1,013 | - | | - | - |
| September | | | | | | | |
| October | | | | | | | |
| November | | | | | | | |
| December | | | | | | | |
| Year-to-Date | | | | | | | |
| Total | 132,369,987 | 20,977 | 25,476 | - | | - | - |

American Stock Exchange: Volume of Equity/Options Sales Year-to-Date Totals for August 1999

| | | | | Equity Option | าร | Non-Equity |
|--------------|-----------|----------|---------|---------------|-------------|-------------|
| | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| Month | (Shares) | (Units) | (Units) | (Contracts) | (Contracts) | (Contracts) |
| | | | | | | |
| January | 575,690 | 2,333 | 96 | 10,749 | 77 | 78 234 |
| February | 732,864 | 1,403 | 26 | 7,527 | 21 | 6 227 |
| March | 610,400 | 1,427 | 27 | 9,802 | 39 | 3 418 |
| April | 745,649 | 2,068 | 79 | 10,720 | 45 | 3 257 |
| May | 699,279 | 1,451 | 48 | 8,606 | 28 | 37 222 |
| June | 611,460 | 2,063 | 142 | 9,138 | 30 | 9 229 |
| July | 543,599 | 1,333 | 119 | 10,085 | 33 | 241 |
| August | 572,390 | 1,231 | 51 | 10,087 | 25 | 211 |
| September | | | | | | |
| October | | | | | | |
| November | | | | | | |
| December | | | | | | |
| Year-to-Date | | | | | | |
| Total | 5,091,331 | 13,308 | 589 | 76,714 | 3,02 | 1 2,038 |

All Exchanges: Volume of Equity/Options Sales

Year-to-Date Totals for August 1999

| | | | | Equity Option | ns | Non-Equity |
|--------------|-------------|----------|---------|----------------------|-------------|-------------|
| | Stocks | Warrants | Rights | Traded | Exercised | Options 2/ |
| Month | (Shares) | (Units) | (Units) | (Contracts) | (Contracts) | (Contracts) |
| January | 19,765,148 | 4,537 | 973 | 34,805 | 4,157 | 5,133 |
| • | , , | • | | - / | , | |
| February | 18,463,001 | 3,337 | 3,278 | • | , | • |
| March | 21,360,474 | 4,376 | 600 | 34,524 | 1,968 | 6,236 |
| April | 21,664,901 | 4,999 | 3,037 | 37,656 | 2,612 | 5,418 |
| May | 19,412,938 | 4,400 | 1,800 | 30,507 | 2,116 | 5,027 |
| June | 18,007,297 | 5,335 | 11,525 | 31,893 | 2,226 | 5,026 |
| July | 18,114,166 | 3,290 | 3,809 | 33,863 | 2,336 | 4,711 |
| August | 17,682,202 | 4,437 | 1,064 | 34,149 | 2,139 | 5,274 |
| September | | | | | | |
| October | | | | | | |
| November | | | | | | |
| December | | | | | | |
| Year-to-Date | | | | | | |
| Total | 154,470,126 | 34,712 | 26,085 | 264,352 | 18,975 | 41,717 |